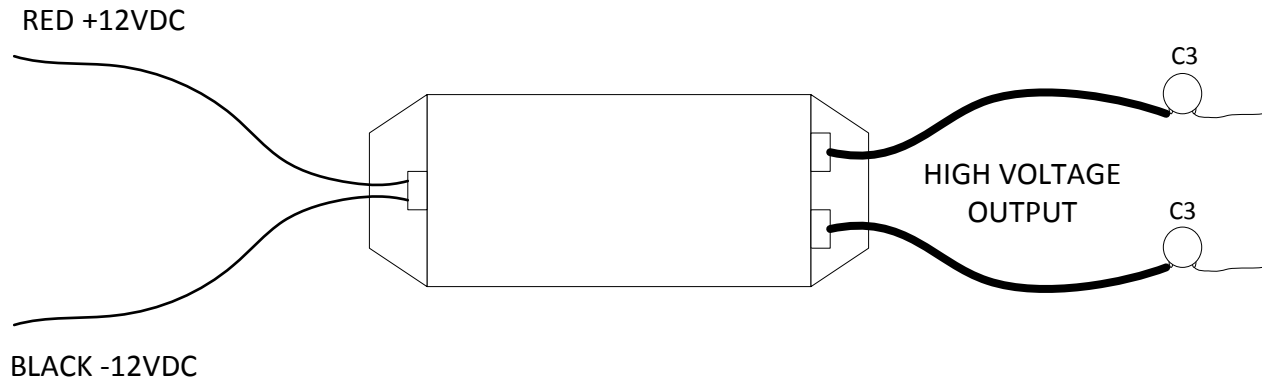


# NEONUL INSTRUCTIONS



When using for neon tube less than 5', insert C3 50pF/6KV cap in series with each tube to output lead.

The universal high voltage power supply was originally designed for neon display in our laboratories. It is open circuit and short circuit protected, and is virtually indestructible. Open circuit output voltage is over 3000 at a frequency of 30Khz. Short circuit current is >15ma. Unit load lines at 2000 VAC delivering 10 mA with 12 VDC input. Applications include powering gas discharge tubes to eight feet, plasma generation for burning and etching, output is easily converted to high voltage dc up to 25 KV and can be used for capacitor charging and a host of high voltage experiments. Always allow to operate for an hour or so and check for heat. Unit never should be uncomfortably hot to touch.

**NOTE: It is advised to ground the metal chassis to the outlet plate screw that the DC adapter is plugged into.**

Use a 12 volt 1.5 amp DC adapter for full output, a 12 volt .8 amps for ½ output or you may use a 12 volt 2 amp for increased output intermittently for experimental and laboratory use.

